

Appl. No. 10/675,034
Amdt. dated Feb. 1, 2006
Reply to Office Action of Dec. 5, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 – 19 (Cancelled)

Claim 20 (Previously presented) A dispenser for dispensing metered amounts of a viscous liquid, comprising:

- a liquid reservoir;
- a pump chamber having a reservoir opening in communication with the reservoir;
- a pump mechanism configured with the pump chamber, the pump mechanism comprising a pump cylinder slidably disposed and retained in the pump chamber, the pump cylinder comprising a delivery end extending through a front wall of the pump chamber and having a dispensing channel disposed therethrough, the pump cylinder further comprising a radial extension member axially aligned with and extending the length of the dispensing channel, wherein the pump cylinder is movable from a rest position to pressurize liquid within the pump chamber;
- a dispensing orifice disposed at a forward end of the dispensing channel; and
- an elongated shuttle valve operably disposed and retained in the reservoir opening, upon actuation of the pump mechanism the shuttle valve being movable to seal the reservoir opening and upon release of the pump mechanism the shuttle valve being movable to unseal the reservoir opening wherein a metered amount of viscous liquid flows automatically from the reservoir into the pump chamber for dispensing upon the next subsequent actuation of the pump mechanism;
- wherein the radial extension member is capable of engaging and releasably attaching to the elongated shuttle valve; and
- wherein the pump cylinder is movable to a locking position; and
- further wherein upon movement of the pump cylinder to the locking position the radial extension member engages the shuttle valve, seals the shuttle valve against the reservoir opening to prevent flow from the reservoir to the pump chamber, and seals the dispensing channel against the shuttle valve to prevent flow from the pump chamber to the dispensing channel.

Claim 21 (Cancelled)

Appl. No. 10/675,034
Amdt. dated Feb. 1, 2006
Reply to Office Action of Dec. 5, 2005

Claim 22 (previously presented) The dispenser as in claim 20, wherein the shuttle valve comprises at least one retaining member capable of preventing the shuttle valve from being removed from the reservoir opening.

Claim 23 (Original) The dispenser as in claim 20, wherein the radial extension member is tapered to permit the radial extension member to fit over and seal against the shuttle valve.

Claim 24 (Original) The dispenser as in claim 20, wherein the elongated shuttle valve comprises a cap having a radial beveled surface to facilitate sealing engagement of the cap with the radial extension member.